

# ADVANTAL'S DNS PRODUCT DATASHEET



Domain Name System

High-  
Performance,  
Secure,  
Enterprise-  
Ready



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[www.advantaltechnologies.com](http://www.advantaltechnologies.com)



Advantal's Domain Name System (DNS) is designed for mission-critical networks where business continuity is directly impacted by uptime, security, and speed. It guarantees that your digital foundation stays quick, robust, and prepared for the future—even during periods of high traffic or international operations. It is made for large-scale infrastructures and regulated industries. Your network remains responsive, secure, and compliant with Advantal DNS, allowing for continuous corporate expansion.



## WHY ADVANTAL DNS?

Modern enterprises cannot afford delays, blind spots, or downtime. Advantal DNS delivers:

Ensures distributed **high availability**, delivers **ultra-low-latency** resolution under heavy traffic, and supports seamless **horizontal scalability** for multi-site workloads.

Enables **policy-driven automation**, ensures **encrypted** and **compliant operations**, and delivers resilience without complexity—even during failures.

Designed for large-scale environments, Advantal DNS ensures uninterrupted uptime and full control across all DNS zones and nodes, even for deployments with hundreds of thousands of endpoints.

## KEY FEATURES THAT SET ADVANTAL APART

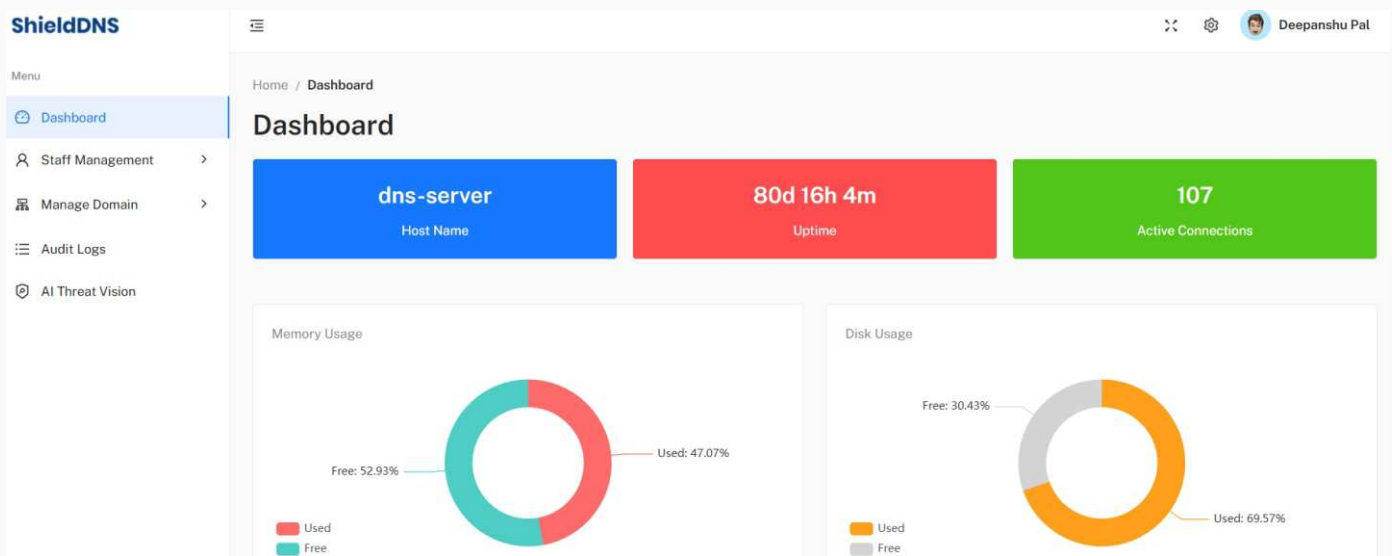
- **Enterprise-Scale Performance:** Handles massive query loads with near-zero latency and supports GSLB for extremely high traffic.

```

root@171.171.171.71:~/home/edanokia/ka/ka-gslb-controller# systemctl status gslb
● gslb.service - GSLB Controller
   Loaded: loaded (/etc/systemd/system/gslb.service; enabled; preset: enabled)
   Active: active (running) since Fri 2025-12-05 05:28:40 UTC; 9s ago
     Main PID: 2926473 (python3)
       Tasks: 1 (limit: 38471)
      Memory: 7.0M (peak: 10.1M)
         CPU: 70ms
   CGroup: /system.slice/gslb.service
           └─2926473 /usr/bin/python3 /opt/gslb-controller/gslb.py

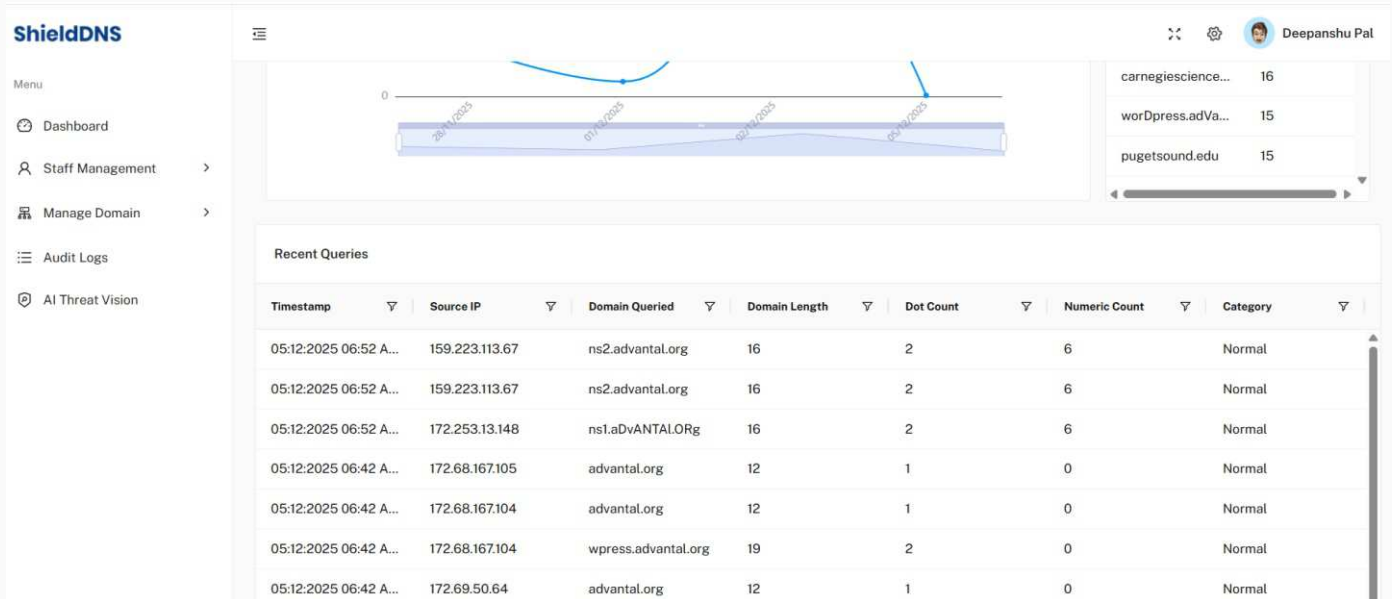
Dec 05 05:28:40 171.163.178.68.host.secureserver.net systemd[1]: Started gslb.service - GSLB Controller.
    
```

➤ **Unified Dashboard with Intelligent Automation:** A web-based interface offering real-time visibility, configuration, troubleshooting, and automated updates, patching, and event logging for accurate, audit-ready operations.



➤ **Advanced, Future-Ready Security:** AI-driven protection against spoofing, hijacking, cache poisoning, and anomalies, with full support for IPv4/IPv6, DNSSEC, and secure Dynamic DNS.





➤ **Disaster Recovery & Redundancy:** SQL backend with replication for fast failover.

```

● mariadb.service - MariaDB 10.6.22 database server
   Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor preset: enabled)
   Active: active (running) since Fri 2025-10-24 12:03:09 UTC; 1 month 11 days ago
     Docs: man:mariadb(8)
           https://mariadb.com/kb/en/library/systemd/
   Main PID: 320426 (mariadb)
   Status: "Taking your SQL requests now..."
   Tasks: 8 (limit: 251767)
   Memory: 66.6M
     CPU: 12min 31.596s
   CGroup: /system.slice/mariadb.service
           └─320426 /usr/sbin/mariadb
    
```

## CORE PLATFORM CAPABILITIES

➤ **Enterprise-Grade Stability, Flexible Deployment & Massive Scale:** Designed for mission-critical, compliant environments with flexible physical/virtual deployment, full hypervisor support, and a resilient 3-site active-active architecture.

```

root@dns-server:~# hostnamectl
Static hostname: dns-server
   Icon name: computer-vm
   Chassis: vm
   Machine ID: 2edc9f5461243aa274a1f9b868c81446
   Boot ID: 143685c740e44a478c0d3e53d4d3f3d4
  Virtualization: kvm
Operating System: Ubuntu 22.04.4 LTS
   Kernel: Linux 5.15.0-113-generic
  Architecture: x86-64
root@dns-server:~#
    
```

- **Dedicated UAT Environment:** At least 10% of production capacity, identical OS and firmware for accurate testing.
- **Future-Proof Investment:** 7-year non-EOL guarantee for hardware and software to protect long-term investments.
- **Seamless Integration:** Works with AD, NMS, SIEM, ITSM, PIMS, LMS, NTP, Syslog, DHCP, etc. for unified enterprise operations
- **Secure Time Synchronization:** Supports SHA1-authenticated NTP sync for integrity and compliance

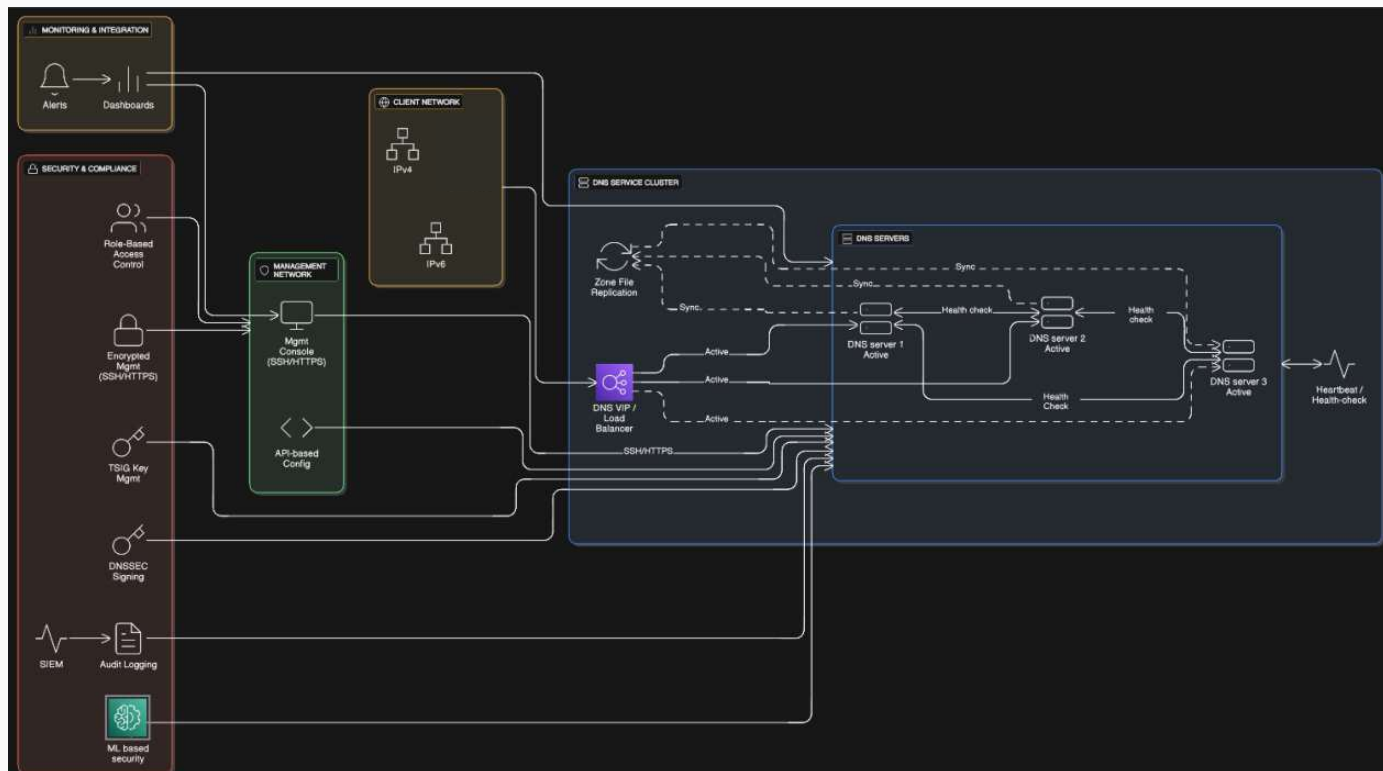
```
root@dns-server:/var/log/named# timedatectl
      Local time: Fri 2025-12-05 13:45:26 UTC
      Universal time: Fri 2025-12-05 13:45:26 UTC
      RTC time: Fri 2025-12-05 13:45:26
      Time zone: Etc/UTC (UTC, +0000)
System clock synchronized: yes
      NTP service: active
      RTC in local TZ: no
root@dns-server:/var/log/named#
```

## LICENSING REQUIREMENTS – BUILT FOR ENTERPRISE SCALE

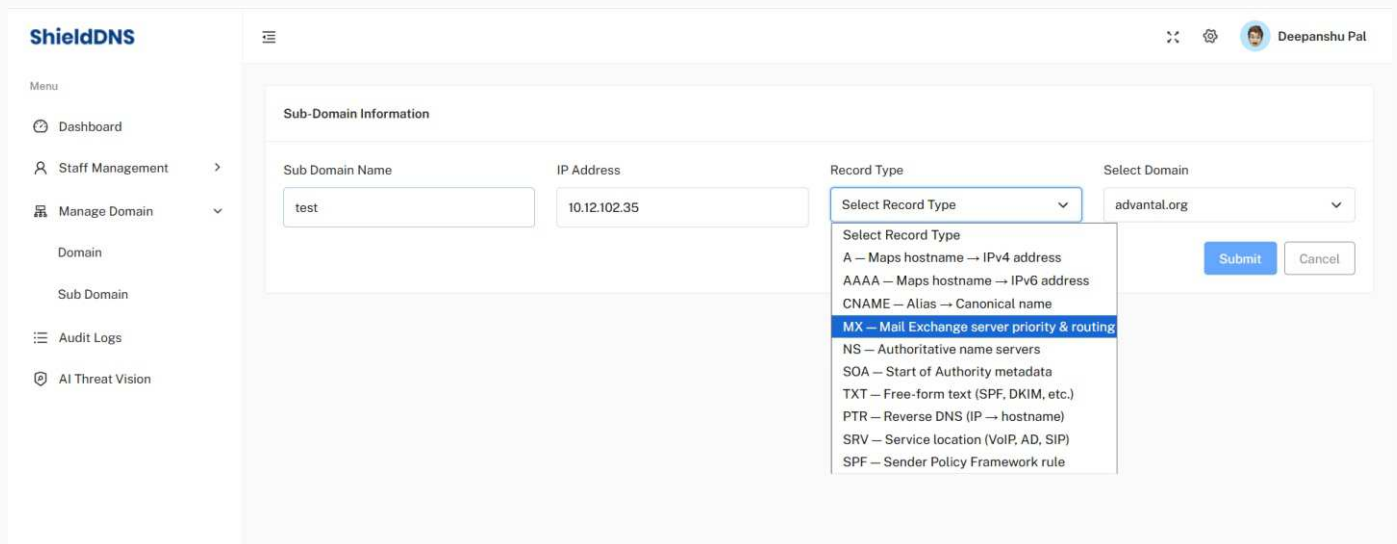
- **Transparent Entitlements & SLA-Backed Reliability:** A publicly available OEM datasheet gives full visibility into entitlements, capabilities, and compliance, while an expanded feature set exceeds standard RFP requirements—fully supported under the OEM's SLA for long-term stability and trust.
- Provides **end-to-end enterprise-wide licensing**, covering users, concurrent sessions, VLANs, QPS capacity, DNS zones, domains, policies, appliances, and multi-location deployments – ensuring predictable scaling across all environments.
- All functional modules are **bundled into a single 7-year support package**, ensuring continuity, cost predictability, and unrestricted usage.

## ARCHITECTURE – HIGH AVAILABILITY BY DESIGN

- **Always-On Resilience with Full Redundancy:** Designed for continuous uptime with active-active or active-standby setups and cross-site clustering. Offers full hardware, network, and power redundancy, with automated failover.



- Enables **non-disruptive upgrades** with rollback and hitless failover, ensuring uninterrupted operations during maintenance windows.
- Fully compliant with **IPv4/IPv6 (RFC 3596)** and supports all major **IANA resource record types** (A, AAAA, NS, MX, CNAME, PTR, SRV, NAPTR), with built-in DNS record validation for duplicates, CNAME loops, and TTL accuracy.
- Includes **DNSSEC validation**, DNS64 (RFC 6147), and both recursive + iterative query handling for modern DNS workloads.



- Integrated **Global Traffic Management (GTM)** optimizes routing, balances load, and improves site-level fault tolerance.

## HARDWARE SPECIFICATIONS – ROBUST & ENTERPRISE-GRADE

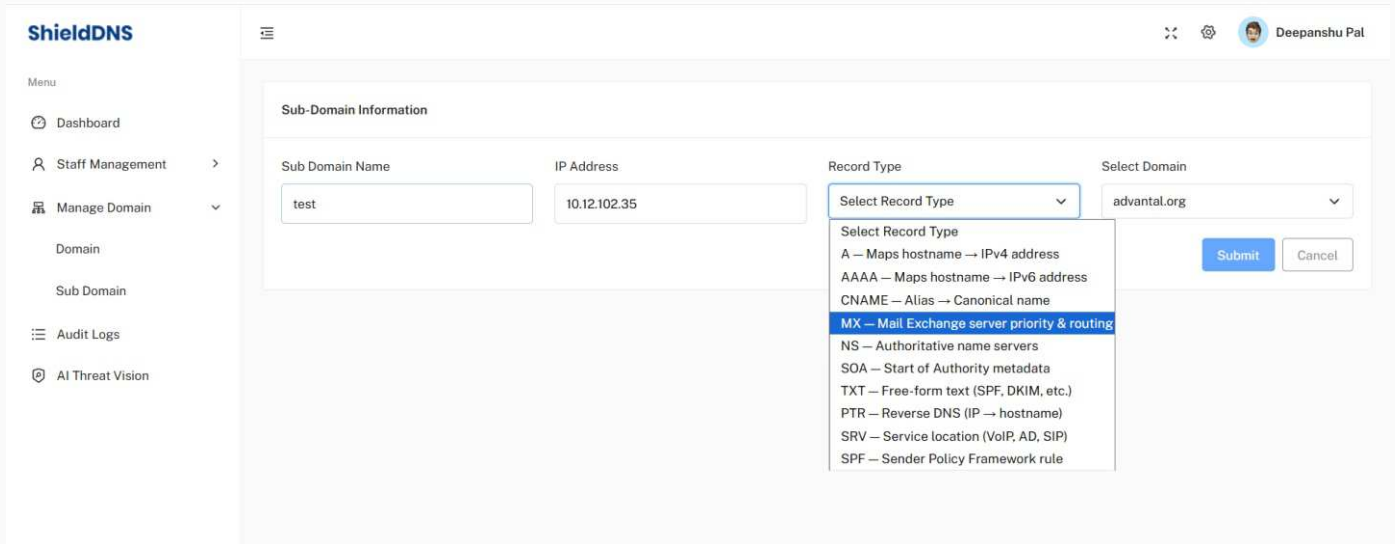
- **Streamlined Deployment with Secure Management:** Delivered as fully rack-mountable appliances with complete installation accessories, paired with a dedicated and configurable management interface that strictly separates data and administrative traffic.
- **High-Reliability Power & Secure Remote Access:** Redundant platinum-grade PSUs with full cabling ensure reliable uptime, supported by licensed remote and out-of-band management for secure, uninterrupted access.

## PERFORMANCE – BUILT FOR MASSIVE SCALE

- **High-Capacity, Enterprise-Scale DNS Performance:** Supports 500+ DNS zones with 100,000+ records each, delivering 500,000 QPS per appliance per site—scalable to 1 million QPS without hardware upgrades—and backed by a comprehensive QPS performance matrix to validate growth and guide capacity planning.
- Allows **unlimited ACLs and security policies**, enabling granular control without performance trade-offs
- Can sync or update **200+ records instantly** without impacting performance.

## DNS FEATURES – FULL SUITE FOR ENTERPRISE CONTROL

- **Authoritative & Caching DNS with Precision Controls:** Delivers robust DNS services with selective cache flushing (GUI/CLI/API), custom TTLs, and full record-level updates (MX/NS/SOA/PTR) for precise, enterprise-grade zone management.



- **Intelligent, Traffic-Aware DNS Routing:** Optimizes responses using proximity, latency, load, and availability, backed by health checks, automated failover, and LDAP/AD-synced zone resolution for directory-driven environments.

```
Dec 05 06:54:32 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:54:32 [INFO] [gslb] ===== GSLB EVAL =====
Dec 05 06:54:32 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:54:32 [INFO] [gslb] [HEALTH] dc1 103.91.48.172:443 -> UP
Dec 05 06:54:33 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:54:33 [INFO] [gslb] [HEALTH] dc2 103.91.48.173:443 -> UP
Dec 05 06:54:33 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:54:33 [INFO] [gslb] [POLICY] WEIGHTED -> chose dc2 (103.91.48.173) for
www.mahaconnect.bank.in. (roll=83.35 / total=100)
Dec 05 06:54:33 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:54:33 [INFO] [gslb] [DNS] Selection changed: ['103.91.48.172'] -> ['10
3.91.48.173']
Dec 05 06:54:33 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:54:33 [INFO] [gslb] [DNS] Updating www.mahaconnect.bank.in. -> 103.91.
48.173
Dec 05 06:55:03 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:55:03 [INFO] [gslb] ===== GSLB EVAL =====
Dec 05 06:55:03 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:55:03 [INFO] [gslb] [HEALTH] dc1 103.91.48.172:443 -> UP
Dec 05 06:55:03 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:55:03 [INFO] [gslb] [HEALTH] dc2 103.91.48.173:443 -> UP
Dec 05 06:55:03 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:55:03 [INFO] [gslb] [POLICY] WEIGHTED -> chose dc1 (103.91.48.172) for
www.mahaconnect.bank.in. (roll=66.82 / total=100)
Dec 05 06:55:03 171.163.178.68.host.secureserver.net python3[2926473]: 2025-12-05 06:55:03 [INFO] [gslb] [DNS] Selection changed: ['103.91.48.173'] -> ['10
3.91.48.172']
```

- Offers a **managed DNS resolver** with TSIG and secure transfers, in addition to high-speed caching supporting 100,000 entries.

```
key "gslb-key" {
    algorithm hmac-sha256;
    secret "cN/Nbe+44ZsIadIEvFLp/XhfPVxelCvNIY9YqNfmE8E=";
};
```

- **Secure, Policy-Driven Recursive DNS:** Delivers strong recursive resolving with poisoning protection, DNSSEC validation, and source-based rate limits—while keeping recursive and authoritative services fully segregated for tighter security and control. Supports full DNSSEC automation with zone signing, key generation/rollover, NSEC3, and compliance with RFCs 4034, 4035, 4641, and 5702

```
serial: 2025121710
signed serial: 2025121721
nodes: 25
last loaded: Wed, 03 Dec 2025 18:12:53 GMT
secure: yes
inline signing: yes
key maintenance: automatic
next key event: Fri, 05 Dec 2025 06:12:53 GMT
```

- Supports **IXFR (RFC 1995/5936)**, DNS filtering, session persistence, round-robin responses, and complete API-based automation with ITSM integration.

## SECURITY – ENTERPRISE PROTECTION BUILT IN

- **Modern Encrypted DNS Security:** Secures credentials end-to-end and supports DoT, DoH, and upcoming DoQ with hardened TLS protection.
- Adheres to **RFC 9103** for secure zone transfers.
- **Comprehensive DNS Threat Defense:** Protects against spoofing, manipulation, redirection, and all DNS-layer attacks with a built-in DNS firewall (malware, botnet, RPZ) and advanced DDoS mitigation across reflection, amplification, tunneling, and flood vectors.

The screenshot shows the ShieldDNS dashboard interface. On the left is a navigation menu with options: Dashboard, Staff Management, Manage Domain, Audit Logs, and AI Threat Vision. The main content area displays a table of detected queries and a list of suspicious queries.

Timestamp	Source IP	Domain Queried	Domain Length	Dot Count	Numeric Count	Category
05:12:2025 12:57 PM	130.207.129.196	advantal.org	12	1	0	Normal
05:12:2025 12:56 PM	3.253.248.153	cpanel.advantal.org	19	2	0	Normal
Total Queries Detected						
100 items per page						
05:12:2025 01:27 PM	3.93.25.122	wEBdisKaDVAnTaL...	20	2	0	Suspicious (Lexical)
05:12:2025 01:27 PM	3.93.25.122	WEbdisk.aDVantAL...	20	2	0	Suspicious (Lexical)



**ShieldDNS** Role Management + Add Role

Role	MODULE	ACTIONS
Admin	24	<a href="#">Edit</a> <a href="#">Delete</a>
Manager	12	<a href="#">Edit</a> <a href="#">Delete</a>
Sales	5	<a href="#">Edit</a> <a href="#">Delete</a>
SuperAdmin	32	<a href="#">Edit</a> <a href="#">Delete</a>
User	8	<a href="#">Edit</a> <a href="#">Delete</a>

Showing 1 to 5 of 5 rows 10 rows per page

**ShieldDNS** Deepanshu Pat

839  
 Today's Queries

54  
 Today's Suspicious Queries

146470  
 Total Queries

#### Query Per Second Rate (For the last 7 days)

#### Suspicious Queried Domains

Domain	Count
intershop.com	64562
sl	42968
hbtbank.com	3444
advantal.org	100
WEBdiSK.aDvA...	37
random2.advant...	28
carnegiescience...	16
wordpress.adVa...	15
pugetsound.edu	15

- **Unified Access & Advanced Management:** Supports TACACS+, RADIUS, and LDAP for centralized control, plus SNMPv3, packet capture, REST APIs, and advanced reporting for deep visibility.
  
- **Comprehensive Logging with Dynamic Control:** Generates audit, DNS, query/response, syslog, and debug logs with 90+ days retention, and allows on-the-fly log level changes (debug/info/warning/error) via GUI or console without service disruption for flexible troubleshooting and compliance.

```
05-Dec-2025 12:55:01.051 queries: info: client @0x7f1a3c5dde48 89.203.31.4#59037 (advantal.org): query: advantal.org IN A -E(0)DK (68.183.89.16)
05-Dec-2025 12:55:01.303 queries: info: client @0x7f1a400868e8 203.134.98.175#14442 (advantal.org): query: advantal.org IN A -E(0)DK (68.183.89.16)
05-Dec-2025 12:55:22.745 queries: info: client @0x7f1a400868e8 3.254.145.73#32892 (mail.advantal.org): query: mail.advantal.org IN AAAA -E(0)CK (68.183.89.16)
05-Dec-2025 12:56:45.551 queries: info: client @0x7f1a3c5dde48 3.253.248.153#58576 (cpanel.advantal.org): query: cpanel.advantal.org IN AAAA -E(0)CK (68.183.89.16)
05-Dec-2025 12:57:25.220 queries: info: client @0x7f1a400868e8 130.207.129.196#48790 (advantal.org): query: advantal.org IN A - (68.183.89.16)
05-Dec-2025 12:57:25.556 queries: info: client @0x7f1a3c5dde48 130.207.129.196#54155 (advantal.org): query: advantal.org IN AAAA - (68.183.89.16)
05-Dec-2025 12:57:25.844 queries: info: client @0x7f1a400868e8 130.207.129.196#57409 (advantal.org): query: advantal.org IN MX - (68.183.89.16)
05-Dec-2025 12:57:30.128 queries: info: client @0x7f1a400868e8 130.207.129.196#37210 (advantal.org): query: advantal.org IN SOA - (68.183.89.16)
05-Dec-2025 12:57:30.424 queries: info: client @0x7f1a400868e8 130.207.129.196#40679 (advantal.org): query: advantal.org IN TXT - (68.183.89.16)
05-Dec-2025 13:00:19.151 queries: info: client @0x7f1a400868e8 82.20.53.218#50044 (uu.nl): query: uu.nl IN ANY +E(0) (68.183.89.16)
05-Dec-2025 13:06:02.174 queries: info: client @0x7f1a3c5dde48 174.138.90.140#36165 (wp.advantal.org): query: wp.advantal.org IN A - (68.183.89.16)
05-Dec-2025 13:16:25.734 queries: info: client @0x7f1a400868e8 64.71.137.226#27763 (advantal.org): query: advantal.org IN A - (68.183.89.16)
05-Dec-2025 13:20:00.151 queries: info: client @0x7f1a400868e8 216.244.66.228#52302 (advantal.org): query: advantal.org IN A -E(0)D (68.183.89.16)
05-Dec-2025 13:23:19.776 queries: info: client @0x7f1a400868e8 31.129.99.217#58509 (advantal.org): query: advantal.org IN A -E(0)D (68.183.89.16)
05-Dec-2025 13:23:19.776 queries: info: client @0x7f1a400868e8 31.129.99.217#9151 (advantal.org): query: advantal.org IN MX -E(0)D (68.183.89.16)
05-Dec-2025 13:23:19.776 queries: info: client @0x7f1a400868e8 31.129.99.217#51271 (advantal.org): query: advantal.org IN NS -E(0)D (68.183.89.16)
05-Dec-2025 13:23:19.788 queries: info: client @0x7f1a3c5dde48 31.129.99.217#11510 (advantal.org): query: advantal.org IN TXT -E(0)D (68.183.89.16)
05-Dec-2025 13:23:19.832 queries: info: client @0x7f1a400868e8 31.129.99.217#33136 (advantal.org): query: advantal.org IN CNAME -E(0)D (68.183.89.16)
05-Dec-2025 13:23:19.840 queries: info: client @0x7f1a3c5dde48 31.129.99.217#46690 (advantal.org): query: advantal.org IN AAAA -E(0)D (68.183.89.16)
05-Dec-2025 13:27:44.102 queries: info: client @0x7f1a3c5dde48 3.93.25.122#4906 (WEbdisk.adVantAL.oRg): query: WEbdisk.adVantAL.oRg IN A -E(0)DC (68.183.89.16)
05-Dec-2025 13:27:44.598 queries: info: client @0x7f1a3c5dde48 3.93.25.122#62931 (wEBdisK.adVAnTaL.oRg): query: wEBdisK.adVAnTaL.oRg IN AAAA -E(0)DC (68.183.89.16)
05-Dec-2025 13:30:17.322 queries: info: client @0x7f1a400868e8 82.29.53.218#59165 (uu.nl): query: uu.nl IN ANY +E(0) (68.183.89.16)
05-Dec-2025 13:38:38.889 queries: info: client @0x7f1a3c5dde48 172.253.12.154#39731 (NS1.adVantAL.org): query: NS1.adVantAL.org IN A -E(0)DC (68.183.89.16)
EFS 78.163.130.0/24(0)
```

- Provides encrypted backups, scheduled remote backups, and multi-site HA sync for resilient operations.
- Delivers **single-package upgrades** for OS and application layers, simplifying patching and maintenance.

## DEPLOYMENT, SUPPORT & TRAINING – ENTERPRISE-GRADE SERVICES

- **Seamless, Guaranteed Migration:** Ensures 100% migration from any DNS platform with all records and configs intact, backed by OEM-led onsite deployment for best-practice implementation, with all required tools, hardware, and resources for seamless conversion.
- **Comprehensive Support for Long-Term Reliability:** Includes full hardware/software AMC coverage, 7-year global OEM support with updates, patches, and remote assistance, along with annual health checks, and compliance updates. Provides OEM support portal access with licenses registered in the Bank's name, and ensures maintenance of all licenses and integrations throughout the contract period.
- Includes training + certification for **up to 10 personnel**, strengthening in-house operational capability.

## CENTRALIZED DNS MANAGEMENT PORTAL – CONTROL AT SCALE

- **Secure, Centralized & Fully Governed DNS Operations:** Secured with MFA and granular RBAC for precise admin/user access. Provides centralized DNS control with record grouping (department, user, application, location), full CRUD and sync, detailed reporting, analytics dashboards, and integrations with AD, ITSM systems, and APIs—supported by full API automation with complete documentation.

ShieldDNS
Deepanshu Pal

Menu

- Dashboard
- Staff Management
- Manage Domain
  - Domain
  - Sub Domain
- Audit Logs
- AI Threat Vision

Refresh
+ Add Domain

DOMAIN	IP ADDRESS	Sub Domain Count	ACTIONS
advantal.org	10.12.12.12	6	<a href="#">Edit</a> <a href="#">Delete</a>

Showing 0 to 0 of 0 rows 10 rows per page

ShieldDNS
Deepanshu Pal

Menu

- Dashboard
- Staff Management
- Manage Domain
  - Domain
  - Sub Domain
- Audit Logs
- AI Threat Vision

Refresh
+ Add Sub Domain

DOMAIN	SUB DOMAIN	IP ADDRESS	Record Type	ACTIONS
advantal.org	sadasd	5.33.21.3	AAAA	<a href="#">Edit</a> <a href="#">Delete</a>
advantal.org	test	10.12.105.24	A	<a href="#">Edit</a> <a href="#">Delete</a>
advantal.org	test1	"10.12.205.24"	TXT	<a href="#">Edit</a> <a href="#">Delete</a>
advantal.org	test1	advantal.org	CNAME	<a href="#">Edit</a> <a href="#">Delete</a>
advantal.org	Test12	2.33.3.4	A	<a href="#">Edit</a> <a href="#">Delete</a>
advantal.org	testing	192.168.1.10	A	<a href="#">Edit</a> <a href="#">Delete</a>

Showing 0 to 0 of 0 rows 10 rows per page

ShieldDNS
Deepanshu Pal

Menu

- Dashboard
- Staff Management
  - Users
  - Roles
  - Password Policy
- Manage Domain
- Audit Logs
- AI Threat Vision

Refresh
Search
+ Add User

NAME ^	Role	MOBILE	Creation Date	ACTIONS
<span style="color: red;">BB</span> <b>Bruce Banner</b> <small>hulksmash@gmail.com</small>	Sales	9654566896	17-10-2025 05:00	<a href="#">Edit</a> <a href="#">Delete</a>
<span style="color: red;">DP</span> <b>Deepanshu Pal</b> <small>deepansu.pal@advantal.net</small>	SuperAdmin	9717825125	06-10-2025 07:40	<a href="#">Edit</a> <a href="#">Delete</a>
<span style="color: red;">DR</span> <b>Desh Raj</b> <small>deshraj123@gmail.com</small>	Admin	9856985695	14-10-2025 09:02	<a href="#">Edit</a> <a href="#">Delete</a>
<span style="color: green;">SR</span> <b>Steave Rogers</b> <small>captainamerica@gmail.com</small>	SuperAdmin	7896586325	17-10-2025 05:03	<a href="#">Edit</a> <a href="#">Delete</a>
<span style="color: yellow;">TS</span> <b>Tony Stark</b> <small>ironman@gmail.com</small>	Manager	6985698745	13-10-2025 11:47	<a href="#">Edit</a> <a href="#">Delete</a>

Showing 1 to 5 of 5 rows 10 rows per page

**ShieldDNS**

Menu

- Dashboard
- Staff Management
  - Users
  - Roles**
  - Password Policy
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**Role Management** + Add Role

Role	MODULE	ACTIONS
Admin	24	<a href="#">Edit</a> <a href="#">Delete</a>
Manager	12	<a href="#">Edit</a> <a href="#">Delete</a>
Sales	5	<a href="#">Edit</a> <a href="#">Delete</a>
SuperAdmin	32	<a href="#">Edit</a> <a href="#">Delete</a>
User	8	<a href="#">Edit</a> <a href="#">Delete</a>

Showing 1 to 5 of 5 rows 10 rows per page

**ShieldDNS**

Menu

- Dashboard
- Staff Management
  - Users
  - Roles
  - Password Policy**
  - Manage Domain
  - Audit Logs
  - AI Threat Vision

**Update Password Policy**

Password Duration ( in days ) 
 Min Password 
 Max Password

UpperCase ( must contain [A-Z] ) 
 LowerCase ( must contain [a-z] ) 
 Number ( must contain [0-9] )

Special Characters 
 The same password check ( can't set the same password )
  The white space check ( can't set white space )

**Update**

Delivers advanced monitoring with real-time DNS metrics (QPS, cache hit ratio, latency, failures, recursion depth), customizable dashboards with one-year historical trend analysis, SNMP v3+ NMS integration, and network packet capture with export and full documentation. Reporting includes drill-downs, scheduled reports, and multi-format export for operational and compliance insights.

Home / Dashboard

## Dashboard

**dns-server**

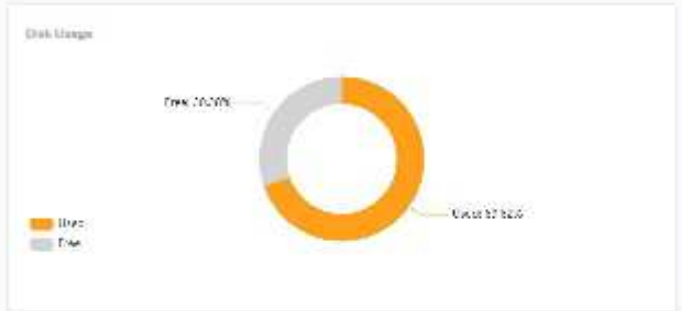
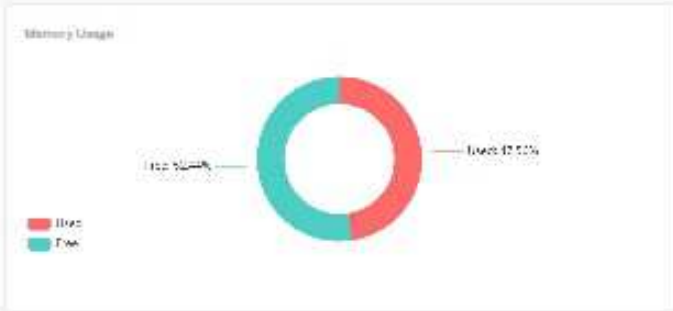
Host Name

**81d 0h 8m**

Uptime

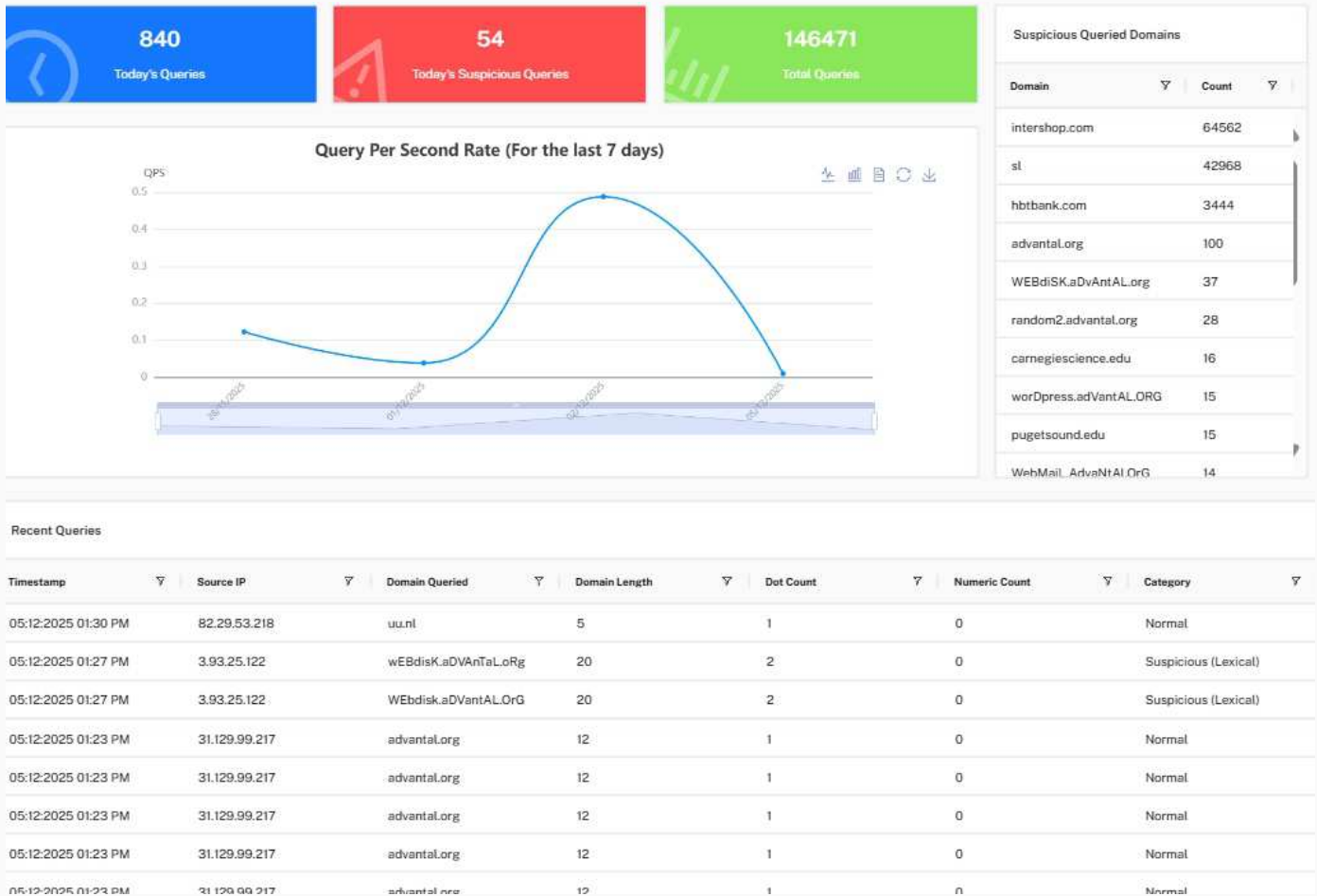
**113**

Active Connections



Interface Stats

Interface	Bytes Sent	Bytes Received	Packets Sent	Packets Received
lo	1,612,504,031	1,612,504,031	14,981,129	14,981,129
eth0	48,597,483,568	50,899,241,939	39,889,525	75,854,003
eth1	179,380	134,888	2,940	1,923



Ensures validated, error-free updates with built-in validation, a maker-checker workflow, and workflow finalization for DNS record management with the Bank. Maintains full audit trails with SIEM export.

Maintains always-secure operations with non-disruptive patching, TLS controls, built-in DDoS protection, encryption of sensitive DNS data at rest, and TLS 1.2+ for data in transit. Guarantees critical patch delivery within 72 hours with 24x7 enterprise support. Enables non-disruptive maintenance via single-package upgrades (OS + application), multiple firmware uploads without device reset, and backward-compatible patches to prevent configuration disruption.

## EXPERIENCE ADVANTAL DNS IN ACTION

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**Advantal Technologies Limited**  
(Make In India OEM)

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